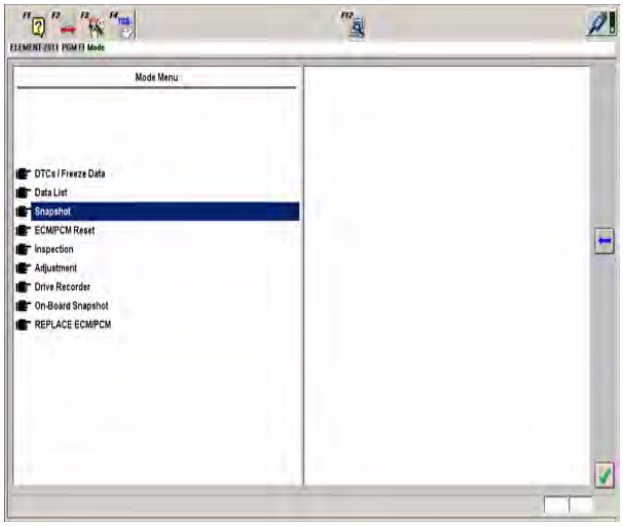
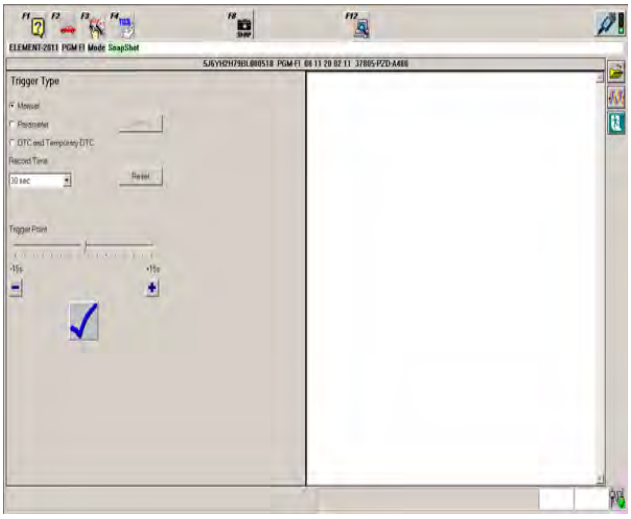
Recording an HDS Snapshot Manually

HDS snapshots record vehicle data over time. Once you have recorded this data, you can view the data parameters while disconnected from the vehicle, or send the data to the Tech Line database. To view the Tech2Tech segment outlining this procedure, Click here.

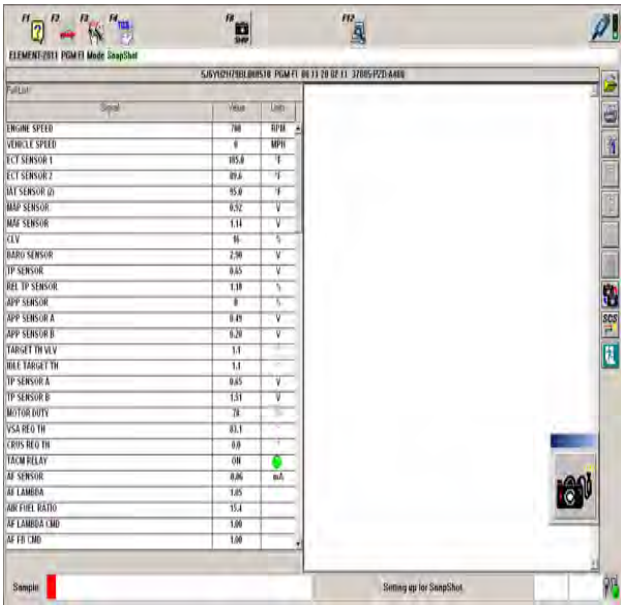
1. Connect the laptop PC and the MVCI to the vehicle's DLC.
2. Go to the Mode Menu for the system you are working on, then double-click on **Snapshot**.



3. In the Snapshot menu, the default setting should be Manual. If not, choose the Manual trigger type.



4. The default record time should be set at 30 seconds. If not, choose 30 seconds in the Record Time drop down box.
5. The default setting should be in the middle of the slide bar. If not, choose the middle of the Trigger Point. The value on the left side of the slide bar should read -15 and the value on the right side of the bar should read +15.
6. Click on the blue checkmark.
7. The next screen is the data capture screen. Notice the sample bar is red with the message **Setting up for Snapshot**. A manual trigger icon also appears in the lower right hand corner.



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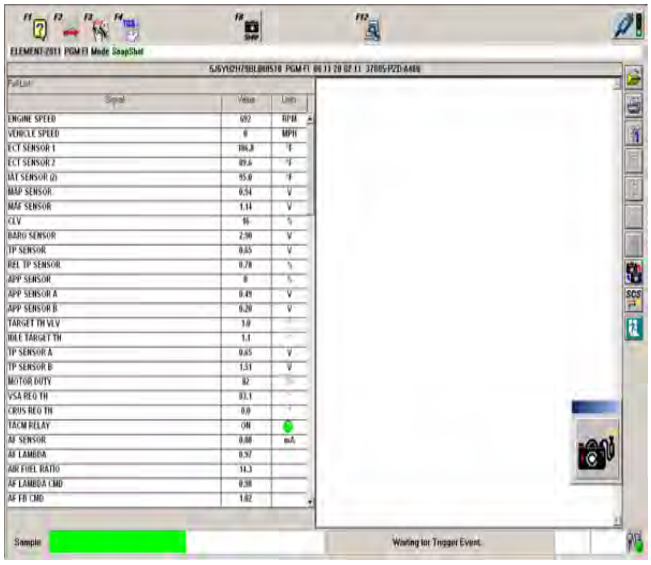
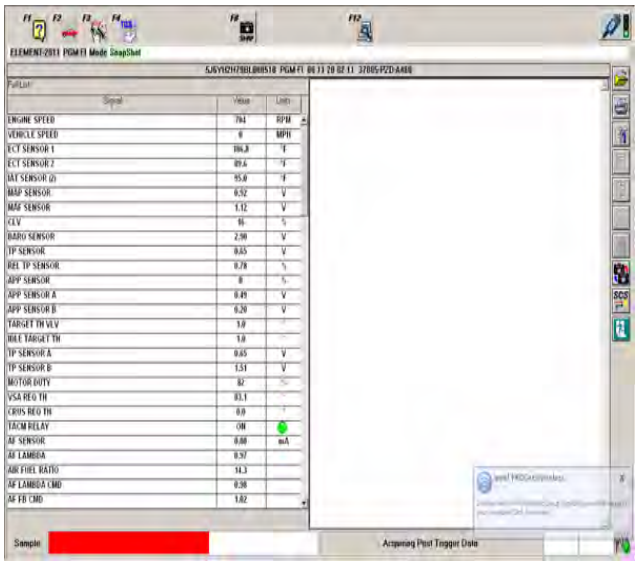
8. Before taking a snapshot, wait until the sample bar turns green with the message **Waiting for Trigger Event**. This indicates the HDS has gathered enough data to create a complete snapshot.

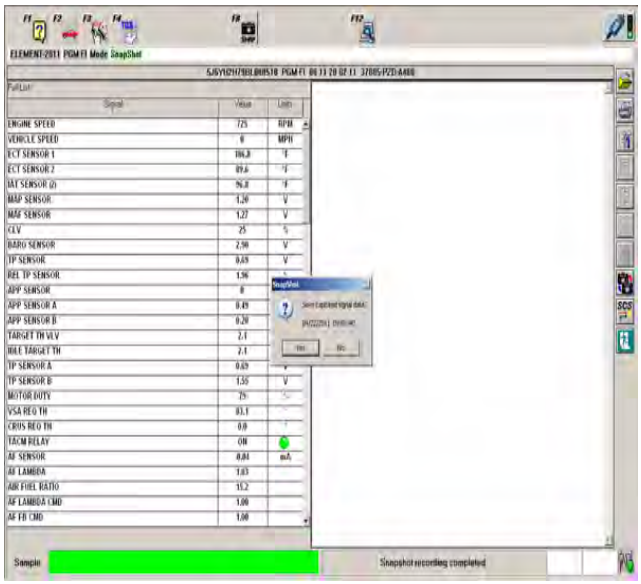


9. Test-drive the vehicle. When the symptom you wish to record occurs, click on the trigger icon. The Sample bar will turn red with the message **Acquiring Post Trigger Data**.

   NOTE: After triggering the snapshot, maintain a constant throttle setting. Snapshots with stable operating conditions are easier to interpret.



10. When the data gathering is done, the sample bar turns green with the message **Snapshot recording completed.** A pop-up message box asks if you want to **Save captured signal data?** Clicking Yes records the data into the HDS data file.



11. A pop-up box appears reading **Captured signal data successfully saved**, and the snapshot is now complete.